

INTERNATIONAL SEARCH REPORT

Intest Application No.:
PCT/US 03/04498

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D489/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	R.G. PETERSON ET AL: "Amperometric high-performance liquid chromatographic method for narcotic alkaloids" JOURNAL OF CHROMATOGRAPHY., vol. 188, no. 2, 1980, pages 420-425, XP008022796 ELSEVIER PUBLISHING COMPANY, AMSTERDAM., NL page 420 -page 421 ---	1,34, 153,154
Y	GB 890 614 A (OLETTA S A) 7 March 1962 (1962-03-07) page 1, line 77-84; claims 1,6,7 --- -/--	1,34, 153,154

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

2 October 2003

Date of mailing of the international search report

22/10/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CHEMICAL ABSTRACTS, vol. 68, no. 18, 29 April 1968 (1968-04-29) Columbus, Ohio, US; abstract no. 81435, I. LEWANDOWSKA ET AL: "Chromatographic separation and setermination of alkaloids in the Pantopon type drugs" XP002256451 abstract & DISS. PHARM. PHARMACOL., vol. 20, no. 1, 1968, pages 81-86, ----	1, 34, 153, 154
A	GB 773 467 A (MERCK & CO INC) 24 April 1957 (1957-04-24) page 2, line 35-50; claims -----	1, 34
A	EP 0 022 418 A (FABRE SA PIERRE) 14 January 1981 (1981-01-14) page 3, line 4-16; claims -----	1, 34

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 890614	A	07-03-1962	NONE
GB 773467	A	24-04-1957	NONE
EP 0022418	A	14-01-1981	FR 2460955 A1 30-01-1981 AT 3296 T 15-05-1983 DE 3063118 D1 16-06-1983 EP 0022418 A1 14-01-1981 ES 8104310 A1 01-07-1981